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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
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Sheet 1 of 13

Complete if Known

Application Number	10/779,331
Filing Date	February 13, 2004
First Named Inventor	Don Hannula
Art Unit	3765
Examiner Name	Worrell Jr. Larry D.
Attorney Docket Number	TYHC:0128/FLE/BAK (P0402S-01A) (009103-019511US)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A1	US-	H1039	04-07-1992	Tripp Jr. et al.	
A2	US-	RE 36,000	12-22-1998	Swedlow et al.	
A3	US-	4,570,638	02-18-1986	Stoddart et al.	
A4	US-	4,775,116	10-04-1998	Klein	
A5	US-	4,784,162	11-15-1988	Ricks et al.	
A6	US-	4,802,485	02-07-1989	Bowers et al.	
A7	US-	4,825,872	05-02-1989	Tan et al.	
A8	US-	4,825,879	05-02-1989	Tan et al.	
A9	US-	4,838,279	06-13-1989	Fore	
A10	US-	4,890,619	01-02-1990	Hatschek	
A11	US-	4,930,888	06-05-1990	Feisleben et al.	
A12	US-	4,942,877	07-24-1990	Sakai et al.	
A13	US-	4,972,331	11-20-1990	Chance	
A14	US-	4,996,975	03-05-1991	Nakamura	
A15	US-	5,054,488	10-08-1991	Muz	
A16	US-	5,080,096	01-14-1992	Hooper et al.	
A17	US-	5,080,098	01-14-1992	Willett et al.	
A18	US-	5,122,974	06-16-1992	Chance	
A19	US-	5,125,403	06-30-1992	Culp	
A20	US-	5,167,230	12-01-1992	Chance	
A21	US-	5,188,108	02-23-1993	Secker	
A22	US-	5,191,891	05-09-1993	Righter	
A23	US-	5,209,230	05-11-1993	Swedlow et al.	
A24	US-	5,214,409	05-25-1993	Beigel	
A25	US-	5,217,012	06-08-1993	Young et al.	
A26	US-	5,241,300	08-31-1993	Buschmann	
A27	US-	5,246,003	09-21-1993	DeLonzar	
A28	US-	5,253,645	10-19-1993	Friedman et al.	
A29	US-	5,267,567	12-07-1993	Aung et al.	
A30	US-	5,295,490	03-22-1994	Dodakian	
A31	US-	5,313,940	05-24-1994	Fuse et al.	
A32	US-	5,337,744	08-16-1994	Brianigan	

Examiner Signature	Date Considered
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				Filing Date	February 13, 2004
				First Named Inventor	Don Hannula
				Art Unit	3765
				Examiner Name	Worrell Jr. Larry D.
Sheet	2	of	13	Attorney Docket Number	TYHC:0128/FLE/BAK (P0402S-01A) (009103-019511US)

U.S. PATENT DOCUMENTS					
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A33	US-	5,348,008	09-20-1994	Bornn et al.	
A34	US-	5,353,798	10-11-1994	Sieben	
A35	US-	5,354,979	10-11-1994	Adelson et al.	
A36	US-	5,357,953	10-25-1994	Merrick et al.	
A37	US-	5,368,025	11-29-1994	Young et al.	
A38	US-	5,368,562	11-29-1994	Blomquist et al.	
A39	US-	5,383,874	01-24-1995	Jackson et al.	
A40	US-	5,398,689	03-21-1995	Conner et al.	
A41	US-	5,400,267	03-21-1995	Denen et al.	
A42	US-	5,405,269	04-11-1995	Stupecky	
A43	US-	5,405,614	04-11-1995	D' Angelo et al.	
A44	US-	5,413,099	05-09-1995	Schmidt et al.	
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A46	US-	5,415,166	05-16-1995	Imran	
A47	US-	5,425,360	06-20-1995	Nelson	
A48	US-	5,431,170	07-11-1995	Mathews	
A49	US-	5,437,275	08-01-1995	Amundsen et al.	
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A51	US-	5,444,254	08-22-1995	Thomson	
A52	US-	5,451,763	09-19-1995	Pickett et al.	
A53	US-	5,452,717	09-26-1995	Brianigan et al.	
A54	US-	5,465,714	11-14-1995	Scheuing	
A55	US-	5,469,845	11-28-1995	DeLonzar et al.	
A56	US-	5,528,519	06-18-1996	Ohkura et al.	
A57	US-	5,546,955	08-20-1996	Wilk	
A58	US-	5,551,423	09-03-1996	Sugiura	
A59	US-	5,562,718	10-08-1996	Palermo	
A60	US-	5,564,108	10-08-1996	Hunsaker et al.	
A61	US-	5,564,417	10-15-1996	Chance	
A62	US-	5,584,296	12-17-1996	Cui et al.	
A63	US-	5,592,408	01-07-1997	Keskin et al.	

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				Art Unit	3765
				Examiner Name	Worrell Jr. Larry D.
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		Number-Kind Code ² (if known)			
A64	US-	5,596,987	01-28-1997	Chance	
A65	US-	5,617,865	04-08-1997	Palczewska et al.	
A66	US-	5,617,866	04-08-1997	Marian, Jr.	
A67	US-	5,627,323	05-06-1997	Stern	
A68	US-	5,634,466	06-03-1997	Gruner	
A69	US-	5,638,593	06-17-1997	Gerhardt et al.	
A70	US-	5,638,818	06-17-1997	Diab et al.	
A71	US-	5,640,953	06-24-1997	Bishop et al.	
A72	US-	5,645,440	07-18-1997	Tobler et al.	
A73	US-	5,645,586	07-08-1997	Meltzer	
A74	US-	5,646,416	07-08-1997	Van De Velde	
A75	US-	5,671,750	09-30-1997	Shinoda	
A76	US-	5,673,708	10-07-1997	Athanasiou et al.	
A77	US-	5,678,544	10-21-1997	DeLonzar et al.	
A78	US-	5,681,285	10-28-1997	Ford et al.	
A79	US-	5,683,434	11-04-1997	Archer	
A80	US-	5,697,363	12-16-1997	Hart	
A81	US-	5,701,894	12-30-1997	Cherry et al.	
A82	US-	5,706,820	01-13-1998	Hossack et al.	
A83	US-	5,738,612	04-14-1998	Tsuda	
A84	US-	5,743,856	04-28-1998	Oka et al.	
A85	US-	5,743,857	04-28-1998	Shinoda et al.	
A86	US-	5,752,913	05-19-1998	Oka	
A87	US-	5,752,920	05-19-1998	Ogura et al.	
A88	US-	5,758,644	06-02-1998	Diab et al.	
A89	US-	5,772,601	06-30-1998	Oka et al.	
A90	US-	5,776,058	07-07-1998	Levinson et al.	
A91	US-	5,776,071	07-07-1998	Inuaki et al.	
A92	US-	5,779,631	07-14-1998	Chance	
A93	US-	5,779,639	07-14-1998	Yeung	
A94	US-	5,782,757	07-21-1998	Diab et al.	
A95	US-	5,786,592	07-28-1998	Hök	
A96	US-	5,791,347	08-11-1998	Flaherty et al.	

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				Art Unit	3765
				Examiner Name	Worrell Jr. Larry D.
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		Number-Kind Code ² (if known)			
A97	US-	5,791,348	08-11-1998	Aung et al.	
A98	US-	5,792,058	08-11-1998	Young et al.	
A99	US-	5,797,841	08-25-1998	Delonzor et al.	
A100	US-	5,810,724	09-22-1998	Gronvall	
A101	US-	5,813,980	09-29-1998	Levinson et al.	
A102	US-	5,823,952	10-20-1998	Levinson et al.	
A103	US-	5,826,277	10-27-1998	McConvile	
A104	US-	5,830,136	11-03-1998	Delonzor et al.	
A105	US-	5,830,148	11-03-1998	Inuaki et al.	
A106	US-	5,830,149	11-03-1998	Oka et al.	
A107	US-	5,833,602	11-10-1998	Osemwota	
A108	US-	5,836,887	11-17-1998	Oka et al.	
A109	US-	5,839,439	11-24-1998	Nierlich et al.	
A110	US-	5,842,981	12-01-1998	Larsen et al.	
A111	US-	5,842,982	12-01-1998	Mannheimer	
A112	US-	5,851,179	12-22-1998	Ritson et al.	
A113	US-	5,857,974	01-12-1999	Eberle et al.	
A114	US-	5,860,932	01-19-1999	Goto et al.	
A115	US-	5,860,957	01-19-1999	Jacobsen et al.	
A116	US-	5,868,133	02-09-1999	DeVries et al.	
A117	US-	5,870,626	02-09-1999	Lebeau	
A118	US-	5,872,713	02-16-1999	Douglas et al.	
A119	US-	5,873,821	02-23-1999	Chance et al.	
A120	US-	5,891,021	04-06-1999	Dillon et al.	
A121	US-	5,891,026	04-06-1999	Wang et al.	
A122	US-	5,895,359	04-20-1999	Peel	
A123	US-	5,906,581	05-25-1999	Tsuda	
A124	US-	5,913,819	06-22-1999	Taylor et al.	
A125	US-	5,919,133	07-06-1999	Taylor et al.	
A126	US-	5,931,790	08-03-1999	Peel	
A127	US-	5,931,791	08-03-1999	Saltzstein et al.	

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	A128	US- 5,934,925	08-10-1999	Tobler et al.	
	A129	US- 5,936,539	08-10-1999	Fuchs	
	A130	US- 5,947,905	09-07-1999	Hadjicostis et al.	
	A131	US- 5,954,053	09-21-1999	Chance et al.	
	A132	US- 5,957,850	09-28-1999	Marian, Jr. et al.	
	A133	US- 5,964,701	10-12-1999	Asada et al.	
	A134	US- 5,980,464	11-09-1999	Tsuda	
	A135	US- 5,983,129	11-09-1999	Cowan et al.	
	A136	US- 5,987,343	11-16-1999	Kinast	
	A137	US- 5,987,351	11-16-1999	Chance	
	A138	US- 5,991,648	11-23-1999	Levin	
	A139	US- 5,995,077	11-30-1999	Wilcox et al.	
	A140	US- 5,995,855	11-30-1999	Kiani et al.	
	A141	US- 5,995,856	11-30-1999	Mannheimer et al.	
	A142	US- 5,995,857	11-30-1999	Toomim et al.	
	A143	US- 6,007,492	12-28-1999	Goto et al.	
	A144	US- 6,011,986	01-04-2000	Diab et al.	
	A145	US- 6,022,320	02-08-2000	Ogura et al.	
	A146	US- 6,027,453	02-22-2000	Miwa et al.	
	A147	US- 6,030,351	02-29-2000	Schmidt et al.	
	A148	US- 6,031,603	02-29-2000	Fine et al.	
	A149	US- 6,036,651	03-14-2000	Inuaki et al.	
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	A160	US- 6,047,201	04-04-2000	Jackson	
	A161	US- 6,047,203	04-04-2000	Sackner et al.	
	A162	US- 6,049,958	04-18-2000	Eberle et al.	
	A163	US- 6,050,951	04-18-2000	Friedman et al.	
	A164	US- 6,052,619	04-18-2000	John	
	A165	US- 6,073,038	06-06-2000	Wang et al.	
	A166	US- 6,084,380	07-04-2000	Burton	
	A167	US- 6,085,752	07-11-2000	Kehr et al.	
	A168	US- 6,088,607	07-11-2000	Diab et al.	
	A169	US- 6,106,780	08-22-2000	Douglas et al.	

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A170	US-	6,112,107	08-29-2000	Hannula	
A171	US-	6,115,621	09-05-2000	Chin	
A172	US-	6,118,382	09-12-2000	Hibbs et al.	
A173	US-	6,134,459	10-17-2000	Roberts et al.	
A174	US-	6,144,868	11-07-2000	Parker	
A175	US-	6,149,481	11-21-2000	Wang et al.	
A176	US-	6,152,754	11-28-2000	Gerhardt et al.	
A177	US-	6,154,667	11-28-2000	Miura et al.	
A178	US-	6,162,188	12-19-2000	Barnea	
A179	US-	6,165,173	12-26-2000	Kamdar et al.	
A180	US-	6,171,258	01-09-2001	Katakasoglu et al.	
A181	US-	6,173,196	01-09-2001	Delonzor et al.	
A182	US-	6,179,786	01-30-2001	Young	
A183	US-	6,184,521	02-06-2001	Coffin, IV et al.	
A184	US-	6,186,953	02-13-2001	Narimatsu	
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A186	US-	6,190,325	02-20-2001	Narimatsu	
A187	US-	6,196,974	03-06-2001	Miwa	
A188	US-	6,198,952	03-06-2001	Miesel	
A189	US-	6,199,550	03-13-2001	Wiesmann et al.	
A190	US-	6,209,144	04-03-2001	Carter	
A191	US-	6,223,063	04-24-2001	Chaiken et al.	
A192	US-	6,241,680	06-05-2001	Miwa	
A193	US-	6,248,083	06-19-2001	Smith et al.	
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A197	US-	6,251,113	06-26-2001	Appelbaum et al.	
A198	US-	6,256,523	07-03-2001	Diab et al.	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/779,331
				Filing Date	February 13, 2004
				First Named Inventor	Don Hannula
				Art Unit	3765
				Examiner Name	Worrell Jr. Larry D.
Sheet	7	of	13	Attorney Docket Number	TYHC:0128/FLE/BAK (P0402S-01A) (009103-019511US)

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
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A201	US- 6,282,450		08-28-2001	Hartlaub et al.	
A202	US- 6,283,922		09-04-2001	Goto et al.	
A203	US- 6,285,895		09-04-2001	Ristolainen et al.	
A204	US- 6,306,076		10-23-2001	Gill	
A205	US- 6,308,089		10-23-2001	von der Ruhr et al.	
A206	US- 6,321,100		11-20-2001	Parker	
A207	US- 6,322,516		11-27-2001	Masuda et al.	
A208	US- 6,343,223		01-29-2002	Chin et al.	
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A210	US- 6,346,886		02-12-2002	De La Huerga	
A211	US- 6,349,228		02-09-2002	Kiani et al.	
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A214	US- 6,368,282		04-09-2002	Oka et al.	
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A223	US- 6,405,075		06-11-2002	Levin	
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				Application Number		10/779,331	
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				First Named Inventor		Don Hannula	
				Art Unit		3765	
				Examiner Name		Worrell Jr. Larry D.	
Sheet	8	of	13	Attorney Docket Number	TYHC:0128/FLE/BAK (P0402S-01A) (009103-019511US)		

U.S. PATENT DOCUMENTS					
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A234	US-	6,461,305	10-08-2002	Schnall	
A235	US-	6,463,310	10-08-2002	Swedlow et al.	
A236	US-	6,466,809	10-15-2002	Riley	
A237	US-	6,468,241	10-22-2002	Gelfand et al.	
A238	US-	6,470,199	10-22-2002	Kopotic et al.	
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A243	US-	6,503,087	01-07-2003	Eggert et al.	
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				Filing Date	February 13, 2004
				First Named Inventor	Don Hannula
				Art Unit	3765
				Examiner Name	Worrell Jr. Larry D.
Sheet	9	of	13	Attorney Docket Number	TYHC:0128/FLE/BAK (P0402S-01A) (009103-019511US)

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		Number-Kind Code ² (if known)			
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	A263	US- 6,575,902	06-10-2003	Burton	
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	A269	US- 6,589,171	07-08-2003	Keirsbilck	
	A270	US- 6,589,183	07-08-2003	Yokozeki	
	A271	US- 6,589,189	07-08-2003	Meyerson et al.	
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	A274	US- 6,605,038	08-12-2003	Teller et al.	
	A275	US- 6,606,993	08-19-2003	Wiesmann et al.	
	A276	US- 6,611,793	08-23-2003	Burnside et al.	
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	A278	US- 6,635,048	10-21-2003	Ullestad et al.	
	A279	US- 6,640,116	10-28-2003	Diab	
	A280	US- 6,645,154	11-11-2003	Oka	
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	A282	US- 6,653,557	11-25-2003	Wolf et al.	
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	A284	US- 6,662,033	19-09-2003	Casciani et al.	
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	A289	US- 6,681,454	01-27-2004	Modgil et al.	
	A290	US- 6,684,091	01-27-2004	Parker	
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				Art Unit	3765
				Examiner Name	Worrell Jr. Larry D.
Sheet	10	of	13	Attorney Docket Number	TYHC:0128/FLE/BAK (P0402S-01A) (009103-019511US)

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A294	US-	2001/0000790	05-03-2001	DeLonzor et al.	
A295	US-	2001/0009398	07-26-2001	Sekura et al.	
A296	US-	2002/0013538	01-31-2002	Teller	
A297	US-	2002/0042558	04-11-2002	Mendelson	
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A303	US-	2002/0109600	08-15-2002	Mault et al.	
A304	US-	2002/0124295	09-12-2002	Fenwick et al.	
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A306	US-	2002/0148470	10-17-2002	Blue et al.	
A307	US-	2002/0151929	10-17-2002	Goto et al.	
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A310	US-	2002/0173706	11-21-2002	Takatani et al.	
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A314	US-	2003/0009308	01-09-2003	Kirtley	
A315	US-	2003/0018243	01-23-2003	Gerhardt et al.	
A316	US-	2003/0023140	01-30-2003	Chance	
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Sheet	11	of	13	Attorney Docket Number	TYHC:0128/FLE/BAK (P0402S-01A) (009103-019511US)

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A326	US-	2003/0176810	09-18-2003	Maahs et al.	
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A328	US-	2003/0216728	11-20-2003	Stern et al.	
A329	US-	2004/0002655	01-01-2004	Bolorforosh et al.	
A330	US-	2004/0007585	01-15-2004	Griffith et al.	
A331	US-	2004/0030258	02-12-2004	Williams et al.	
A332	US-	2004/0044545	03-04-2004	Wiesmann et al.	
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A335	US-				
A336	US-				
A337	US-				
A338	US-				
A339	US-				
A340	US-				

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
B1	CN1306260		08-01-2001	Weigang et al.		
B2	DE 10029205		01-10-2002	IFU GMBH		
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B4	DE 19541605		05-15-1997	Hewlett-Packard Co.		
B5	DE 3705493		08-04-1988	Guenter et al.		
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B7	DE 3810411		10-12-1989	Nicolay GmbH		
B8	DE 3927038		02-21-1991	Juergen		
B9	DE 4429845		10-19-1995	Hewlett Packard		
B10	EP 0631756		01-04-1995	Hamamatsu Photonics		
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Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known			
				Application Number		10/779,331	
				Filing Date		February 13, 2004	
				First Named Inventor		Don Hannula	
				Art Unit		3765	
				Examiner Name		Worrell Jr. Larry D.	
Sheet	12	of	13	Attorney Docket Number	TYHC:0128/FLE/BAK (P0402S-01A) (009103-019511US)		

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ^{5(if known)}					
B14	EP 665025			08-02-1995	Amano		
B15	EP 775311			08-18-1994	Roche Diagnostics		
B16	EP 0313238			04-26-1989	Critikon Inc.		
B17	EP 0572684			12-08-1993	Hewlett-Packard Co.		
B18	EP 0573137			12-08-1993	Alza Corporation		
B19	EP 0695139			02-06-1996	Boesch et al.		
B20	EP 0721110			07-10-1996	Boesch et al.		
B21	EP 1169965			01-09-2002	Masimo Corporation		
B22	EP 268850			06-01-1988	Siemens AG		
B23	EP 338518			10-25-1989	Draegerwerk		
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B25	EP 543172			05-26-1993	Amano		
B26	EP 580385			01-26-1994	Archibald et al.		
B27	EP 621026			10-26-1994	SSI Medical Service		
B28	EP 996063			04-26-2000	Ela Medical		
B29	FR 2555744			11-30-1983	Parmentier et al.		
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B31	GB 2135074			08-22-1984	Duke University		
B32	GB 2390903			01-21-2004	Marsh et al.		
B33	JP 04057161			02-24-1992	Sanyo Electric		
B34	JP 07336597			12-22-1995	Hitachi Medical		
B35	JP 09154937			06-17-1997	Atom Medical		
B36	JP 10314149			12-02-1998	Casio Computer		
B37	JP 11259583			09-24-1999	Tosho		
B38	JP 2003/210402			07-29-2003	Pentax Corp.		
B39	JP 2003/235813			08-26-2003	Matsushita Electric		
B40	JP 2003/265425			09-24-2003	Barney Phillips		
B41	JP 2004/065832			03-04-2004	Pentax Corp.		
B42	JP 08111295			04-30-1996	Hitachi Medical		
B43	JP 08112257			05-07-1996	Nikon Corporation		
B44	JP 08336546			12-24-1996	Morita MFG		
B45	JP 09010319			01-14-1997	Brother IND		

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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/779,331
				Filing Date	February 13, 2004
				First Named Inventor	Don Hannula
				Art Unit	3765
				Examiner Name	Worrell Jr. Larry D.
Sheet	13	of	13	Attorney Docket Number	TYHC:0128/FLE/BAK (P0402S-01A) (009103-019511US)

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		Country Code ³	Number ⁴				
B46	JP 2000/189440			07-11-2000	Tokai Rika		
B47	JP 2001/161648			06-19-2001	Olympus Optical		
B48	JP 2001/190498			07-17-2001	Olympus Optical		
B49	JP 2001/308576			11-02-2001	Olympus Optical		
B50	JP 2001/332832			11-30-2001	Olympus Optical		
B51	JP 2001/346775			12-18-2001	Marconi Medical		
B52	JP 2002/065647			03-05-2002	Masimo Corporation		
B53	JP 2004/016659			01-22-2004	Olympus Optical		
B54	JP 55024614			02-21-1980	Hitachi Metals		
B55	RU 2132204			06-27-1999	Konoplev et al.		
B56	WO 2001/01855			01-11-2001	Georiga Tech		
B57	WO 2001/17425			03-15-2001	Tensys Medical		
B58	WO 2001/87224			11-22-2001	Illyes		
B59	WO 2002/15784			02-28-2002	Platt et al.		
B60	WO 2002/65901			08-29-2002	Ares Medical		
B61	WO 2003/026558			04-03-2003	Scott Laboratories		
B62	WO 95/06430			03-09-1995	Boehringer Mannheim		
B63	WO 02/089664			11-14-2002	Masimo Corp.		
B64	WO 2000/78209			12-28-2000	Masimo Corporation		
B65	WO 2003/057030			07-17-2003	Masimo Corporation		
B66	WO 2066977			08-29-2002	Masimo Corporation		
B67	WO 3080152			10-02-2003	Datex-Ohmeda		
B68	WO 9115151			10-17-1991	Nellcor Incorporated		
B69	WO 9118550			12-12-1991	Mathews		
B70	WO 9220273			11-26-1992	Chance		
B71	WO 9615714			05-30-1996	Austel Licensing		
B72	WO 9616591			06-06-1996	Aihonen et al.		
B73	WO 9641138			12-19-1996	Masimo Corporation		
B74	WO 9720494			06-12-1997	Non-Invasive Technology		
B75	WO 9720497			06-12-1997	Nellcor Incorporated		
B76	WO 9963883			12-16-1999	Sarussi		
B77							
B78							

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NON PATENT LITERATURE DOCUMENTS